

The Examiner is respectfully requested to amend the above-identified application as follows:

IN THE CLAIMS

Please cancel Claims 6, 12-16, and 20, without prejudice or disclaimer of the subject matter presented therein.

Please amend Claims 1, 7, 17-19, and 21-23, and add Claims 24-28 to read as follows. A marked-up copy of those claims, showing the changes made thereto, is attached.

5351 1. (Amended Seven Times) A data communication system comprising:
a connector, adapted to connect a network that is connectable to a plurality of data processing terminals to said data communication system;
an operation input unit, adapted to receive a manual designation manually inputted by an operator;
a data transmitter, adapted to transmit data based on the designation inputted by said operation input unit, the data being transmitted to an external data communication terminal via a line that does not include said connector; and
a notification unit, adapted to notify a data processing terminal, via said connector, of transmission result information representing a data transmission performed by said data transmitter based on the designation inputted by said operation input unit and the data transmitted by said data transmitter,

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wherein said notification unit notifies the data processing terminal of the transmission result information in accordance with a change in state of said data communication system,

wherein said notification unit notifies the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed by said data transmitter, and

wherein said notification unit notifies, in a case where user information is inputted by said operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the transmission result information.

7. (Amended Six Times) A data communication system comprising:
a connector, adapted to connect a network that is connectable to a plurality of data processing terminals to said data communication system;

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an operation input unit, adapted to receive a manual designation manually inputted by an operator, said operation input unit being a part of said data communication system;

a designation unit, adapted to designate an ID, representing a user's data processing terminal on the network connected by said connector, from the manual designation inputted by way of an operation of said operation input unit;

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a data transmitter, adapted to transmit data based on a designation inputted by said operation input unit, the data being transmitted to an external data communication terminal via a line that does not include said connector;

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a notification unit, adapted to notify the user's data processing terminal on the network connected by said connector corresponding to the ID designated by said designation unit, via said connector, of information representing a data transmission performed by said data transmitter based on the designation inputted by said operation input unit and the data transmitted by said data transmitter;

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a determination unit, adapted to determine whether or not the ID is designated by said designation unit; and

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a controller, adapted to control said notification unit in accordance with a determination result of said determination unit,

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wherein said notification unit notifies the user's data processing terminal of information related to the data transmission upon completion of the data transmission performed by said data transmitter.

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17. (Amended Seven Times) A method of controlling a system that includes a data communication system for performing data communication with a destination and a data processing terminal for controlling the data communication system, the data communication system being connected to the data processing terminal via a network that is connectable to a plurality of data processing terminals, said method comprising the steps of:

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at the data communication system:

inputting a designation manually entered by an operator using an operation input unit;

designating an ID based on the manual designation inputted using the operation input unit;

performing data communication with an external data communication terminal in accordance with a designation inputted using the operation input unit; and

notifying the data processing terminal corresponding to the designated ID, via a connector connecting the data communication system and the data processing terminal, of communication result information representing the data communication with the external data communication terminal based on the inputted designation and the data transmitted by said data communication, and

at the data processing terminal:

instructing the data communication system to communicate with a destination;

receiving communication result information notified by the data communication system in said notifying step; and

independently storing the communication result information related to the data communication based on an instruction in said instructing step and communication result information received from the data communication system in said receiving step,

wherein said notification step notifies the data processing terminal of the communication result information related to the data communication upon completion of the data transmission performed by the data communication system, and

wherein said notification step includes notifying, in a case where user information is inputted using the operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the communication result information

18. (Amended Seven Times) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system connected to a network that is connectable to a plurality of data processing terminals via a connector, the program comprising:

3 program code for an input step of receiving a designation manually inputted by an operator using an operation unit;

program code for a transmission step of transmitting data based on the designation manually inputted in said input step, the data being transmitted to an external data communication terminal via a line that does not include the connector; and

program code for a notification step of notifying a data processing terminal, via the connector, of transmission result information representing a data communication performed in the transmission step based on the designation manually inputted in the input step and the data transmitted by said transmission step and in accordance with a change in state of the data communication system,

wherein the notification step notifies the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed in the transmission step, and

wherein said notification step includes notifying, in a case where user information is inputted using the operation input unit with an address of the external data communication terminal, a data processing terminal corresponding the user information of the transmission result information.

19. (Amended Seven Times) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system connected to a network that is connectable to a plurality of data processing terminals via a connector, the program comprising:

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program code for an input step of receiving a designation manually inputted by an operator using an operation unit that is a part of the data communication system;

program code for a designation step of designating an ID, representing a user's data processing terminal on the network connected by the connector, from the manually inputted designation;

program code for a transmission step of transmitting data based on a designation manually inputted in the input step using the operation input unit, the data being transmitted to an external data communication terminal via a line that does not include the connector;

program code for a notification step of notifying the user's data processing terminal on the network connected by the connector corresponding to the designated ID, via the connector, of information representing a data communication performed in the transmission step

based on the designation manually inputted in the input step and the data transmitted by said transmission step;

program code for a determination step of determining whether the ID is designated in the designation step; and

program code for a control step of controlling the notification step in accordance with a determination result of the determination step,

wherein the notification step notifies the user's data processing terminal of information related to a data transmission upon completion of the data transmission performed in the transmission step.

21. (Amended Four Times) A data communication system that communicates with an external device via a transmission path, and that communicates with a data processing terminal, said system comprising:

a signal path through which said data communication system communicates with the data processing terminal, said signal path being a path different from the transmission path;

an input section through which an operator manually inputs a designation to the data communication system;

a transmitter that, based upon the manually inputted designation, transmits data through the transmission path to the external device; and

a notifier that, because of a change in state of said data communication system, notifies the data processing terminal through said signal path of transmission result information

corresponding to the data transmission by said transmitter based upon the manually inputted designation and the data transmitted by said transmitter,

wherein said notifier notifies the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed by said transmitter, and

wherein said notifier notifies, in a case where user information is inputted by said input unit with an address of the external device, a data processing terminal corresponding the user information of the transmission result information.

22. (Amended Four Times) A method of controlling a data communication system that communicates with an external device and with a data processing terminal, said method comprising the steps of:

manually inputting a designation to the data communication system;

transmitting data to the external device via a transmission path, based upon the manually inputted designation, said transmitting step producing transmission result information; and

notifying, as a consequence of a change in state of the data communication system and via a signal path that does not correspond to the transmission path, the data processing terminal of the transmission result information and the data transmitted by said transmitting step,

wherein said notifying step notifies the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed in said transmitting step, and

wherein said notifying step includes notifying, in a case where user information is inputted in said inputting step with an address of the external device, a data processing terminal corresponding the user information of the transmission result information.

23. (Amended Four Times) A computer-readable storage medium storing a program for implementing a method for controlling a data communication system that communicates with an external device and a data processing terminal, the program comprising:

code for an input step of inputting a manual designation to the data communication system;

code for a transmission step of transmitting data to the external device via a transmission path, based upon the inputted manual designation, the transmitting step producing transmission result information; and

code for a notification step of notifying, as a consequence of a change in state of the data communication system and via a signal path that is not the transmission path, the data processing terminal of the transmission result information and the data transmitted by said transmission step,

wherein the notification step includes notifying the data processing terminal of the transmission result information related to the data transmission upon completion of the data transmission performed in the transmission step, and

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wherein the notification step includes notifying, in a case where user information is inputted in the input step with an address of the external device, a data processing terminal corresponding the user information of the transmission result information.

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24. (New) A data communication system, comprising:
a connector, adapted to connect a data processing terminal to said data communication system;
an operation input unit, adapted to receive a manual designation manually inputted by an operator;
an input unit, adapted to input a data to be transmitted to a destination;
a data transmitter, adapted to transmit the data inputted by said input unit based on the designation inputted by said operation input unit, the data being transmitted to the destination via a line that does not include said connector; and
a notification unit, adapted to notify the data processing terminal, via said connector, of the transmission result information representing a data transmission performed by said transmitter based on the designation input by said operation input unit and the data transmitted by said data transmitter in accordance with a transmission operation.

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25. (New) A data communication system according to claim 24, wherein said connector connects a network that is connectable to a plurality of data processing terminals to said data communication system.

26. (New) A data communication system according to claim 24, further comprising a reader which reads an image on a document and generates image data, wherein said input unit inputs the image data from said reader and said data transmitter transmits the image data inputted by said input unit.

27. (New) A method of controlling a data communication system, said method comprising the steps of:

a reception step, of receiving a manual designation, manually inputted by an operator;

an input step, of inputting data to be transmitted to a destination;

Is a transmission step, of transmitting the inputted data to the destination via a line that does not include a connector adapted to connect a data processing terminal to said data communication system, said inputted data is based on the received manual designation; and

a notification step, of notifying the data processing terminal of the transmission result information representing a data transmission based on the inputted designation input and the data transmitted in accordance with a transmission operation, via said connector.

28. (New) A computer-readable storage medium storing a program for implementing a method of controlling a data communication system, said program comprising:

program code for a reception step, of receiving a manual designation, manually inputted by an operator;

program code for an input step, of inputting data to be transmitted to a destination;

program code for a transmission step, of transmitting the inputted data to the destination via a line that does not include a connector adapted to connect a data processing terminal to said data communication system, said inputted data is based on the received manual designation; and

program code for a notification step, of notifying the data processing terminal of the transmission result information representing a data transmission based on the inputted designation input and the data transmitted in accordance with a transmission operation, via said connector.

REMARKS

This application has been reviewed in light of the Office Action dated June 5, 2002. Claims 1-4, 7-11, 17-19 and 21-28 are presented for examination. Claims 6, 12-16 and 20 have been canceled, without prejudice or disclaimer of the subject matter presented therein. Claims 1, 7, 17-19 and 21-23 have been amended to define more clearly what Applicants regard as their invention. Claims 24-28 have been added to provide Applicants with a more complete scope of protection. Claims 1, 7, 17-19, 21-24, 27 and 28 are in independent form. Favorable reconsideration is requested.

Claims 1-4, 6, 7, 9-12, 18, 19, and 21-23 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent 6,119,142 (*Kosaka*). Claim 7 was rejected under 35 U.S.C. § 103(a) as being obvious from U.S. Patent 5,552,901 (*Kikuchi et al.*) in view of U.S.